NORTHWEST BRIDGER PASS QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-CARBON CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107°30′ 27'30" R.89 W. 25' 107°22′30″ R.88 W. 41°45' 32 T.21 N. 31 33 35 31 T.21 N. 2 10 11 12 Overburden isopachs are not drawn 0115 beyond those shown because of 0117 42'30" 42'30" 18 17 15 16 14 13 T.20 N. T.20 N. 24 19 20 21 22 23 24 27 26 25 30 29 33 34 35 36 31 32 T.19 N. 11 12 11 14 13 18 17 16 15 14 R.90 W. 107°22′30″ Base from U.S. Geological Survey, 1956 Compiled in 1977/1978 SCALE 1:24000 WYOMING QUADRANGLE LOCATION APPROXIMATE MEAN DECLINATION, 1956

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE BRIDGER PASS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY DAMES & MOORE 1978

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EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 200 feet (61.0 m).

0 115

DRILL HOLE - Showing thickness of over-burden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping limit (in this quadrangle the 200-foot-overburden isopach).

El - El (Olson Draw) of Lower Fort Union Coal Zone

COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

To convert feet to meters, multiply feet by

To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 26 OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE EI (OLSON DRAW) COAL BED